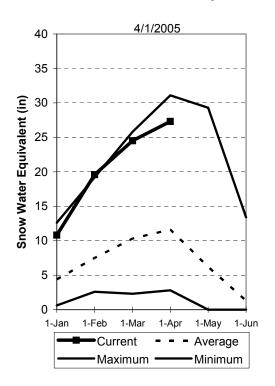
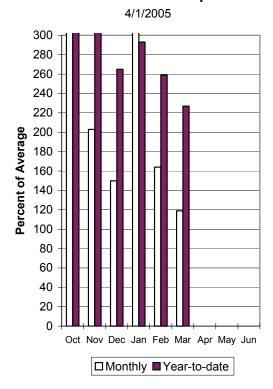
## E. Garfield, Kane, Washington, & Iron co. April 1, 2005

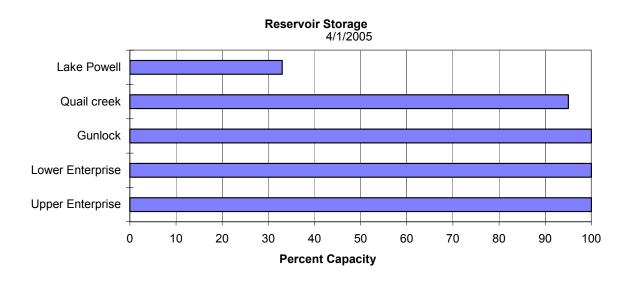
Snowpacks in this region are much above normal at 234% of average, about 419% of last year and down 3% from last month. Individual sites range from 0% to 372% of average. Precipitation was above normal during March at 119% of average, bringing the seasonal accumulation (Oct-Mar) to 227% of normal. Soil moisture estimates in runoff producing areas are at 72% of saturation in the upper 2 feet of soil compared to 55% last year and down 4% from last month. Forecast streamflows range from 305% to 351% of average. Reservoir storage is at 97% of capacity, 41% more than last year. The Surface Water Supply Index is at 95%, indicating much above normal water availability. March has heightened concerns over the potential for high flows this spring, some of which have already occurred. More snow accumulation in the high country is yet possible.

#### **Southwest Utah Snowpack**



### **Southwest Utah Precipitation**





# E. GARFIELD, KANE, WASHINGTON, & IRON Co.

#### Streamflow Forecasts - April 1, 2005 <<===== Drier ===== Future Conditions ====== Wetter ====>> Forecast Point Forecast == Chance Of Exceeding \* = 70% Period 90% 50% 30% 10% 30-Yr Avg. (1000AF) (1000AF) (1000AF) (% AVG.) (1000AF) (1000AF) (1000AF) Lake Powell inflow APR-JUL 5990 7480 8500 107 9520 11010 7930 Virgin River nr Virgin APR-JUL 150 179 195 305 220 260 64 Virgin River nr Hurricane APR-JUL 170 205 230 333 260 305 69 Santa Clara River nr Pine Valley APR-JUL 9.0 15.1 19.0 346 24 29 5.5 57 19.3 Coal Creek nr Cedar City APR-JUL 46 51 54 280 62

E. GARFIELD, KANE, WASHINGTON, & IRON Co.   Reservoir Storage (1000 AF) - End of March					E. GARFIELD, KANE, WASHINGTON, & IRON Co. Watershed Snowpack Analysis - April 1, 2005			
Reservoir	Usable   Capacity  		able Stora Last Year	age ***       	Watershed	Number of Data Sites	This Yea	r as % of 
GUNLOCK	10.4	10.4	6.2	4.5	VIRGIN RIVER	5	441	251
LAKE POWELL	24322.0	8023.0	10186.0	!	PAROWAN	2	299	244
QUAIL CREEK	40.0	38.0	27.0	31.0	ENTERPRISE TO NEW HARMO	NY 2	0	194
UPPER ENTERPRISE	10.0	10.0	1.4		COAL CREEK	2	355	242
LOWER ENTERPRISE	2.6	2.6	0.7	137.1	ESCALANTE RIVER	2	261	192
				 	E. GARFIELD, KANE, WASH	IN 9	398	234

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

<sup>(2) -</sup> The value is natural volume - actual volume may be affected by upstream water management.